

**METHOD FOR ATTACHING SHIELDS ON SUBSTRATES**

**ABSTRACT**

A method (100) of attaching a shield (52 or 82) to a substrate (40) can include the steps of circumscribing a predetermined area on the substrate with a metallized trace pattern (26), applying (101) solder to the metallized trace pattern, and optionally placing (103) components (22 and 27) on portions of the metallized trace pattern. The method can further include the steps of reflowing (104) the solder to form a selective cladded trace pattern (32 or 62) on a portion of the metallized trace pattern reserved for the shield, placing (108) the shield on the cladded trace pattern, and reflowing (109) the substrate.